

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
 Data File : PQ045019.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2019 18:14
 Operator : SM\AJ
 Sample : K5824-11
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 C0AT7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 03:36:47 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 08 03:35:55 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.100	4.308	152.9E6	97444390	19.266	20.666
2)	SA Decachlor...	11.160	9.718	261.5E6	261.2E6	37.753	38.498
Target Compounds							
3)	L1 AR-1016-1	6.438	5.607	2304965	1472939	9.172	7.997
4)	L1 AR-1016-2	6.438	5.607	2304965	1472939	6.095	5.574
5)	L1 AR-1016-3	0.000	5.803	0	833167	N.D.	6.456 #
6)	L1 AR-1016-4	0.000	5.851	0	6660048	N.D.	61.333 #
7)	L1 AR-1016-5	6.925	6.085	5256874	4420859	26.952	28.936
9)	L2 AR-1221-2	5.454	4.672	1898885	1398305	32.342	35.418
12)	L3 AR-1232-2	0.000	5.607	0	1472939	N.D.	11.843 #
13)	L3 AR-1232-3	6.438	5.803	2304965	833167	13.055	14.069
14)	L3 AR-1232-4	0.000	5.895	0	2721571	N.D.	45.273 #
15)	L3 AR-1232-5	6.708	6.085	8421968	4420859	126.952	60.698 #
16)	L4 AR-1242-1	6.438	5.607	2304965	1472939	10.724	9.395
17)	L4 AR-1242-2	6.438	5.607	2304965	1472939	7.167	6.583
18)	L4 AR-1242-3	6.438	5.803	2304965	833167	11.617	7.496 #
19)	L4 AR-1242-4	0.000	5.895	0	2721571	N.D.	22.823 #
20)	L4 AR-1242-5	7.393	6.467	5835315	15848691	32.246	96.519 #
21)	L5 AR-1248-1	6.438	5.607	2304965	1472939	13.686	11.835
22)	L5 AR-1248-2	6.708	5.851	8421968	6660048	34.385	39.124
23)	L5 AR-1248-3	6.925	5.895	5256874	2721571	19.316	15.218
24)	L5 AR-1248-4	7.351	6.085	5125494	4420859	16.923	20.310
25)	L5 AR-1248-5	7.393	6.512	5835315	3249966	20.400	14.575 #
26)	L6 AR-1254-1	7.323	6.467	16540831	15848691	51.122	43.567
27)	L6 AR-1254-2	7.551	6.625	25928282	17408199	52.222	54.049
28)	L6 AR-1254-3	7.933	7.053	29099111	29350868	54.671	52.914
29)	L6 AR-1254-4	8.227	7.291	21335482	19704435	55.232	55.129
30)	L6 AR-1254-5	8.657	7.724	26551738	29259799	61.465	58.517
31)	L7 AR-1260-1	8.100	7.188	12270898	14677680	39.289	47.908
32)	L7 AR-1260-2	8.364	7.384	14589262	13599165	35.632	34.441
33)	L7 AR-1260-3	8.728	7.543	4183779	11896672	12.815	34.726 #
34)	L7 AR-1260-4	8.956	8.030	22860336	2441270	60.116	7.961 #
35)	L7 AR-1260-5	9.296	8.276	6878916	4927356	8.936	6.296 #
36)	L8 AR-1262-1	8.728	7.724	4183779	29259799	20.057	115.609 #
37)	L8 AR-1262-2	9.296	8.276	6878916	4927356	7.616	4.994 #
38)	L8 AR-1262-3	9.636	8.564	3636527	1371864	5.963	3.560 #
39)	L8 AR-1262-4	0.000	8.629	0	5478894	N.D.	7.437 #
40)	L8 AR-1262-5	0.000	9.143	0	1526196	N.D.	4.384 #
41)	L9 AR-1268-1	9.636	8.564	3636527	1371864	3.256	1.141 #
42)	L9 AR-1268-2	0.000	8.629	0	5478894	N.D.	4.920 #
43)	L9 AR-1268-3	0.000	8.839	0	1189393	N.D.	1.279 #
44)	L9 AR-1268-4	0.000	9.143	0	1526196	N.D.	3.789 #

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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45)	L9 AR-1268-5	10.814	9.450	2075025	2285866	0.795	0.756

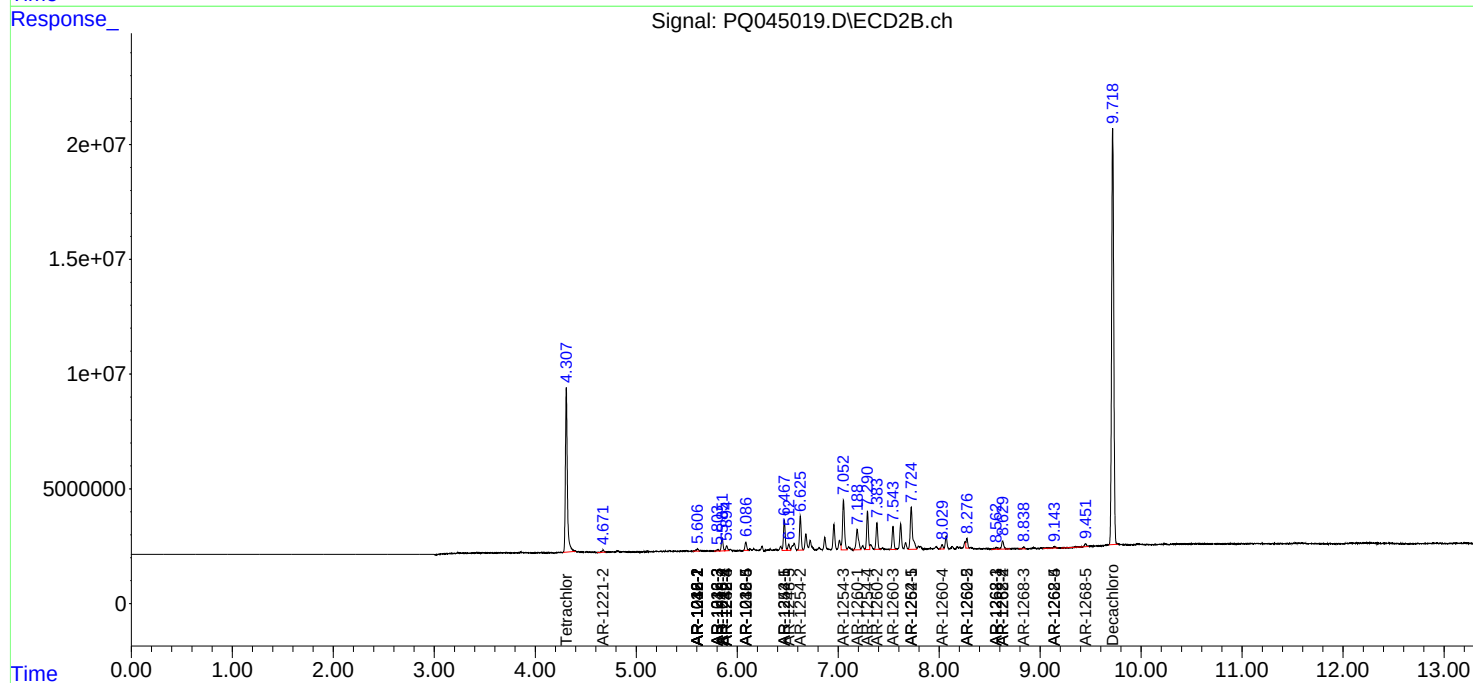
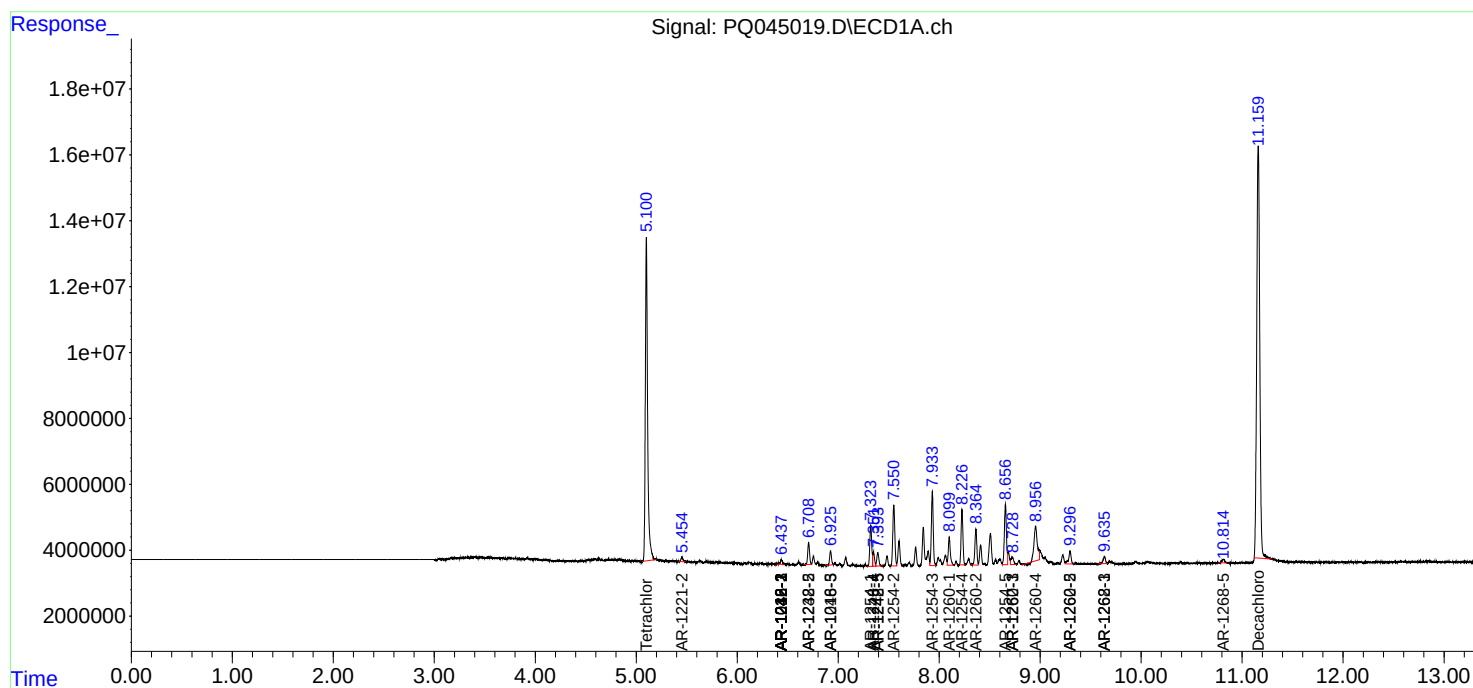
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

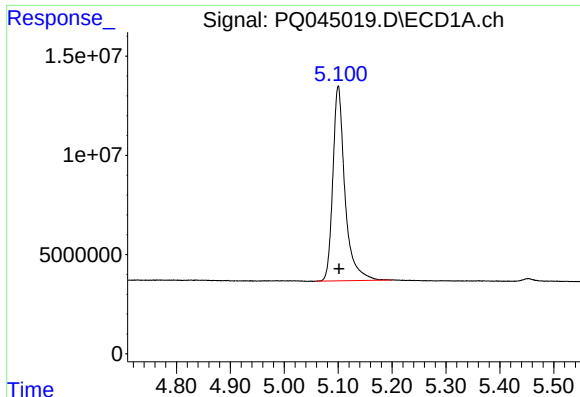
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111419\
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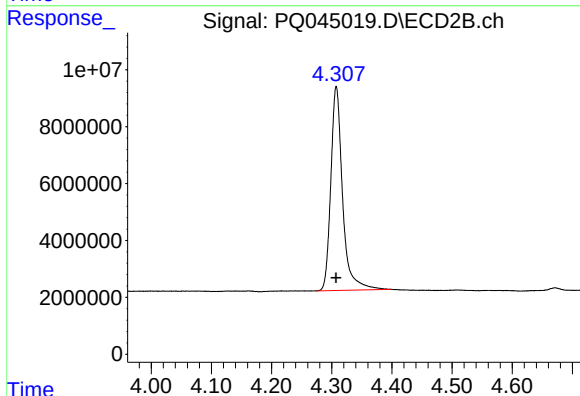




#1 Tetrachloro-m-xylene

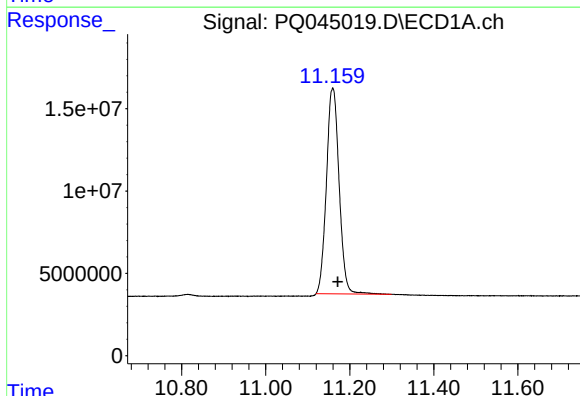
R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 152929657
Conc: 19.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



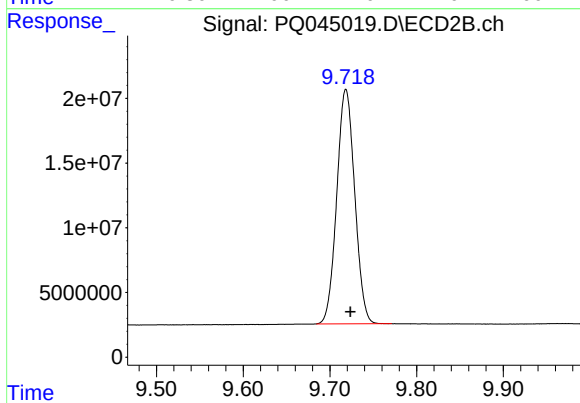
#1 Tetrachloro-m-xylene

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 97444390
Conc: 20.67 ng/ml



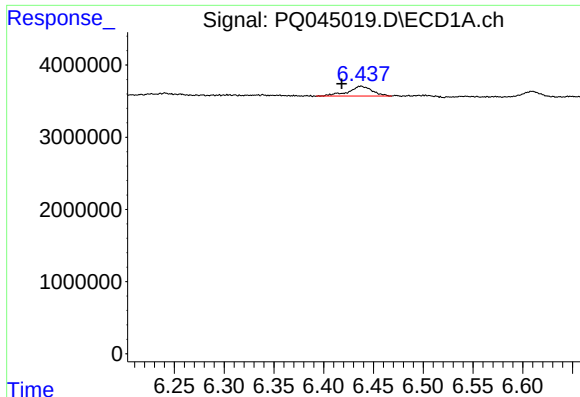
#2 Decachlorobiphenyl

R.T.: 11.160 min
Delta R.T.: -0.012 min
Response: 261472891
Conc: 37.75 ng/ml



#2 Decachlorobiphenyl

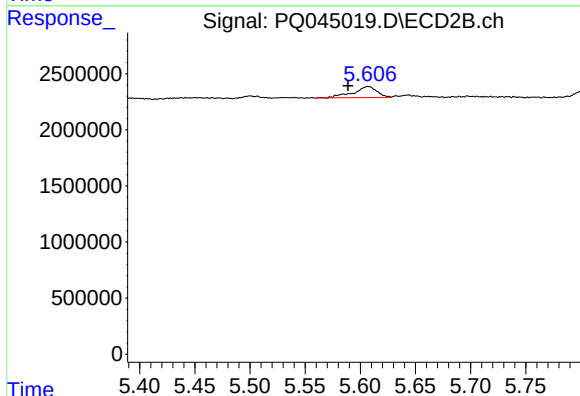
R.T.: 9.718 min
Delta R.T.: -0.005 min
Response: 261214884
Conc: 38.50 ng/ml



#3 AR-1016-1

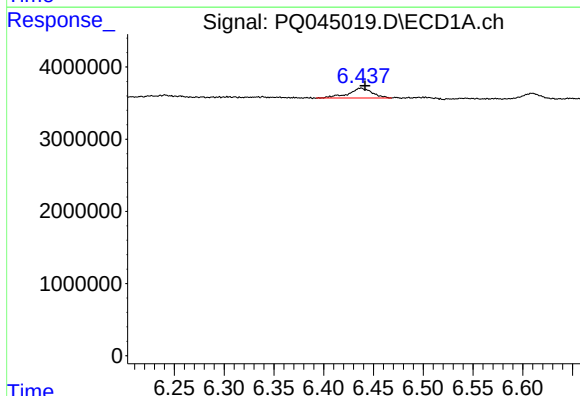
R.T.: 6.438 min
Delta R.T.: 0.020 min
Response: 2304965
Conc: 9.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



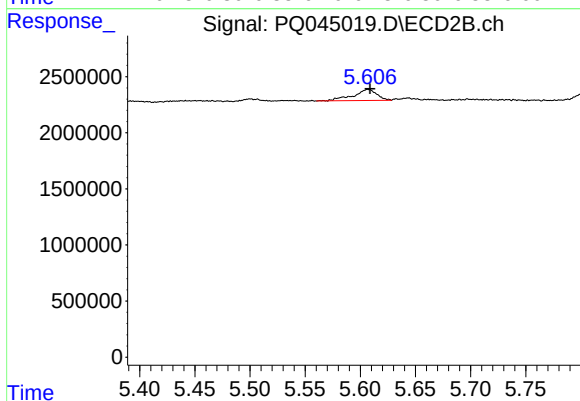
#3 AR-1016-1

R.T.: 5.607 min
Delta R.T.: 0.018 min
Response: 1472939
Conc: 8.00 ng/ml



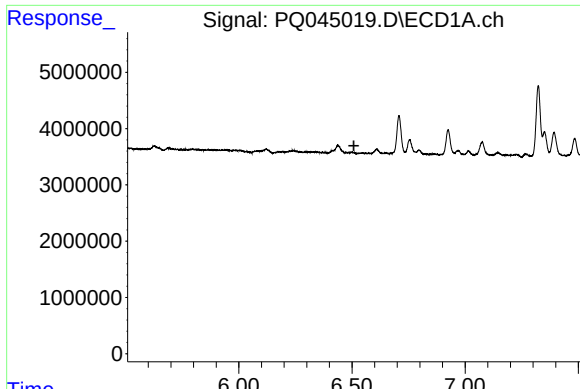
#4 AR-1016-2

R.T.: 6.438 min
Delta R.T.: -0.004 min
Response: 2304965
Conc: 6.10 ng/ml



#4 AR-1016-2

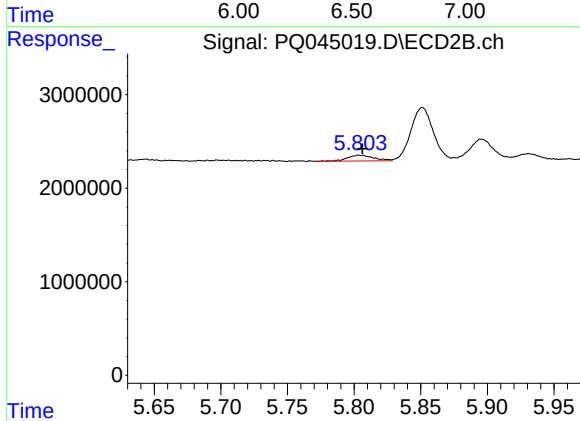
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 1472939
Conc: 5.57 ng/ml



#5 AR-1016-3

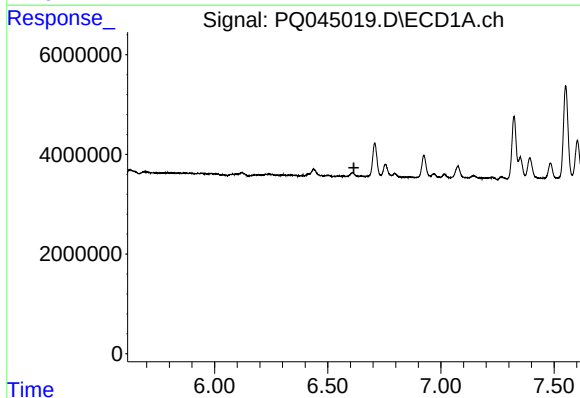
R.T.: 0.000 min
Exp R.T.: 6.509 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AT7



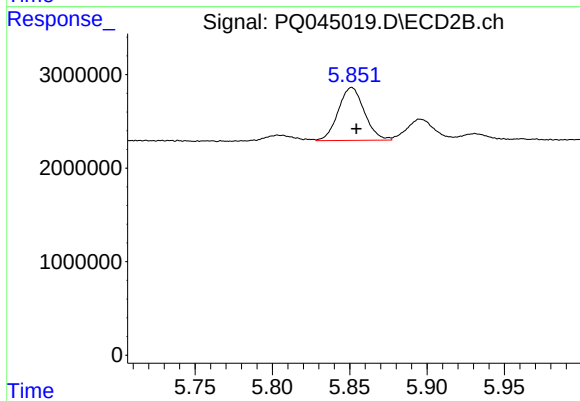
#5 AR-1016-3

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 833167
Conc: 6.46 ng/ml



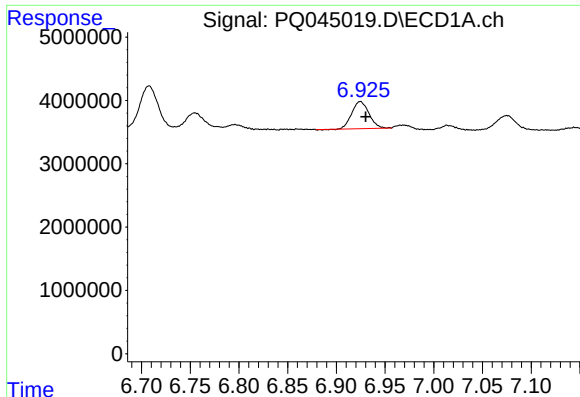
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.615 min
Response: 0
Conc: N.D.



#6 AR-1016-4

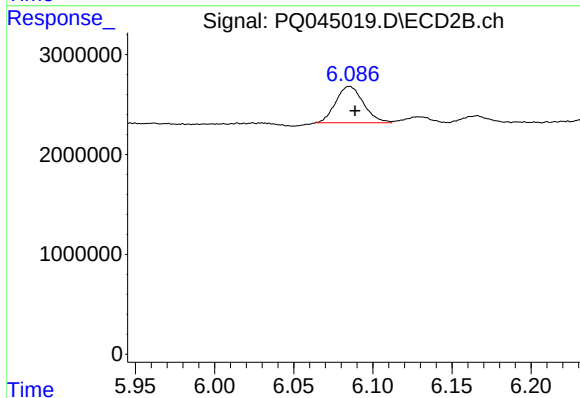
R.T.: 5.851 min
Delta R.T.: -0.003 min
Response: 6660048
Conc: 61.33 ng/ml



#7 AR-1016-5

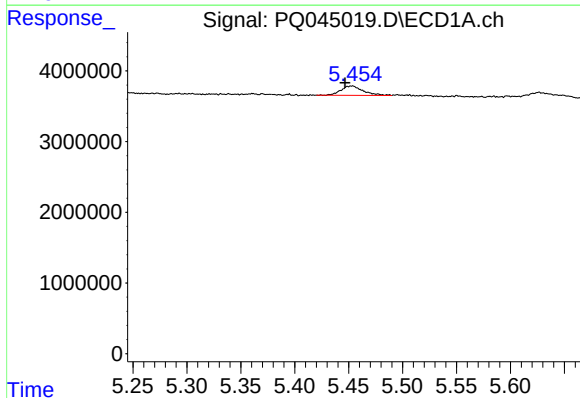
R.T.: 6.925 min
Delta R.T.: -0.005 min
Response: 5256874
Conc: 26.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



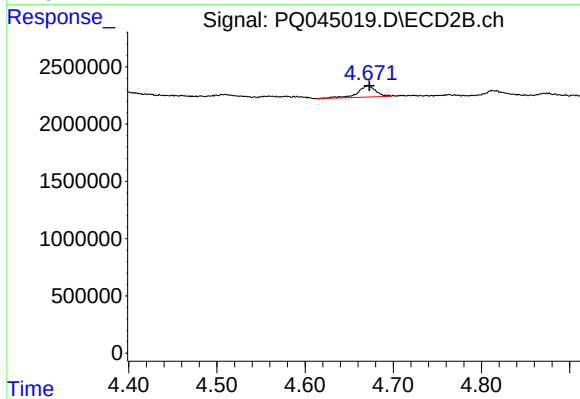
#7 AR-1016-5

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 4420859
Conc: 28.94 ng/ml



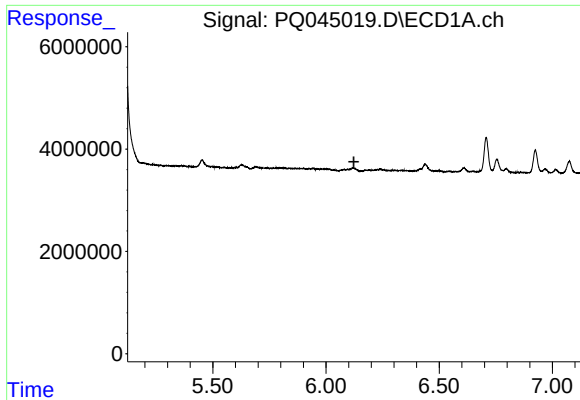
#9 AR-1221-2

R.T.: 5.454 min
Delta R.T.: 0.007 min
Response: 1898885
Conc: 32.34 ng/ml



#9 AR-1221-2

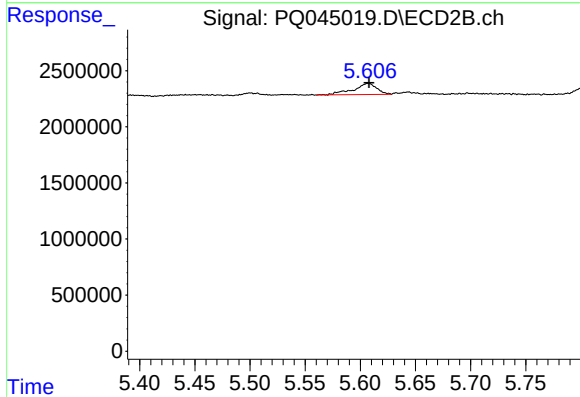
R.T.: 4.672 min
Delta R.T.: -0.001 min
Response: 1398305
Conc: 35.42 ng/ml



#12 AR-1232-2

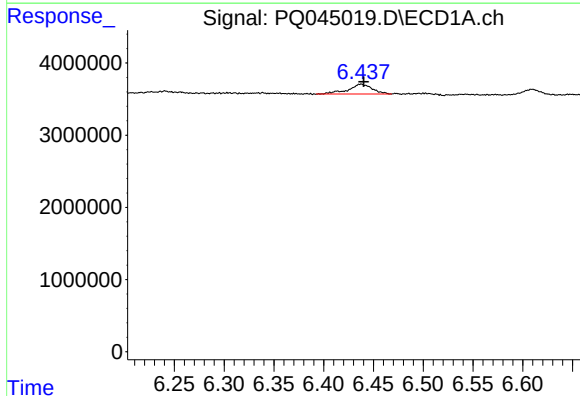
R.T.: 0.000 min
Exp R.T.: 6.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AT7



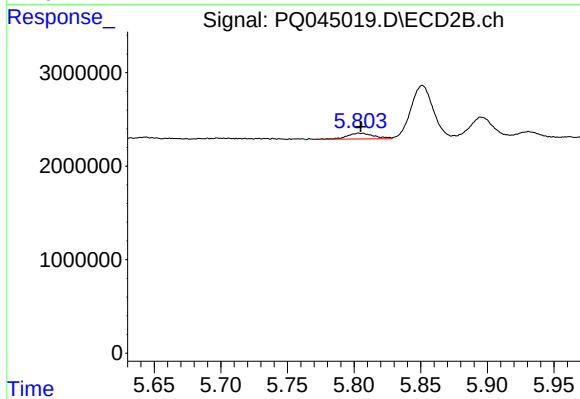
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 1472939
Conc: 11.84 ng/ml



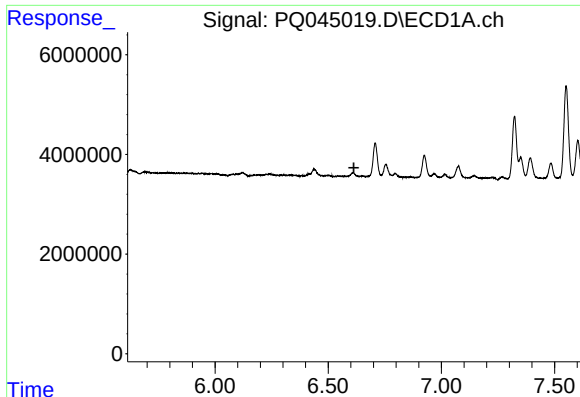
#13 AR-1232-3

R.T.: 6.438 min
Delta R.T.: -0.002 min
Response: 2304965
Conc: 13.05 ng/ml



#13 AR-1232-3

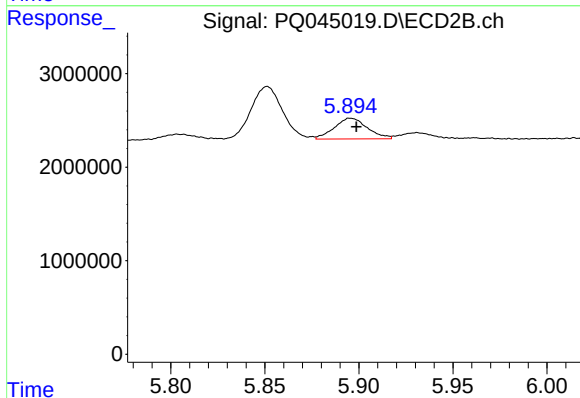
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 833167
Conc: 14.07 ng/ml



#14 AR-1232-4

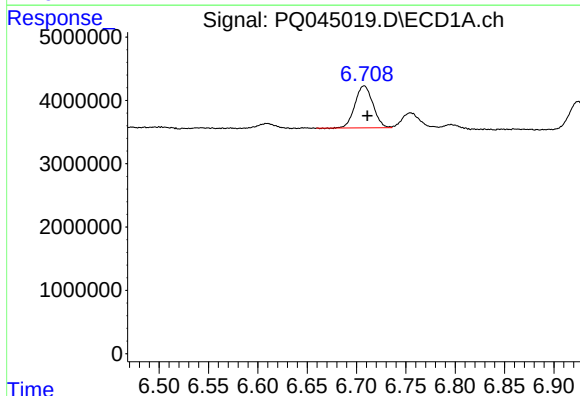
R.T.: 0.000 min
Exp R.T.: 6.614 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AT7



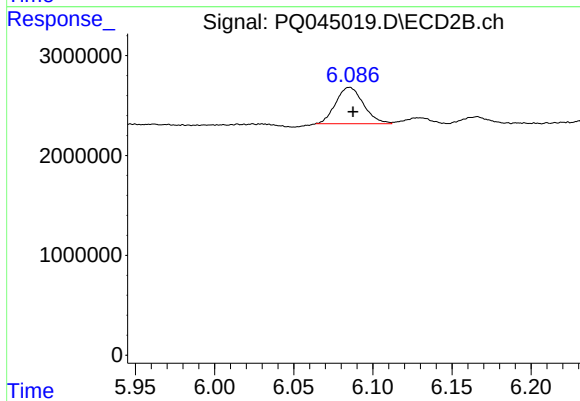
#14 AR-1232-4

R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 2721571
Conc: 45.27 ng/ml



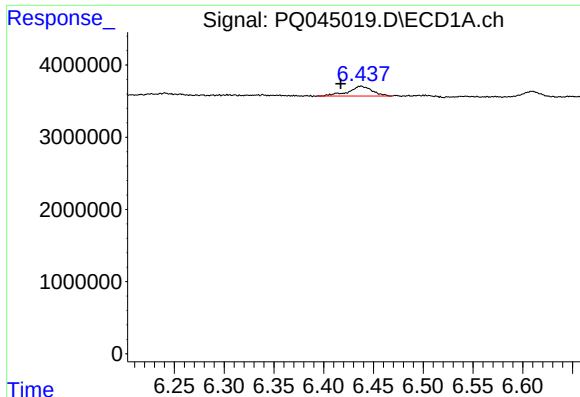
#15 AR-1232-5

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 8421968
Conc: 126.95 ng/ml



#15 AR-1232-5

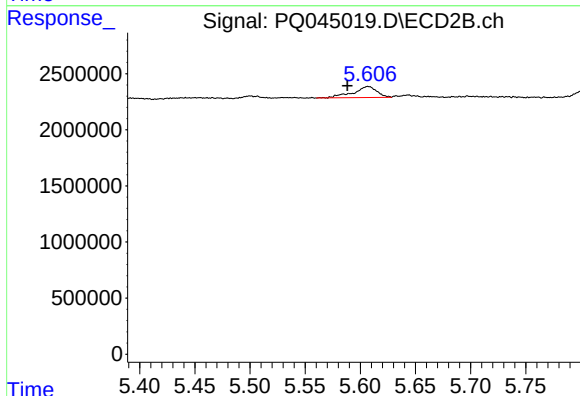
R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 4420859
Conc: 60.70 ng/ml



#16 AR-1242-1

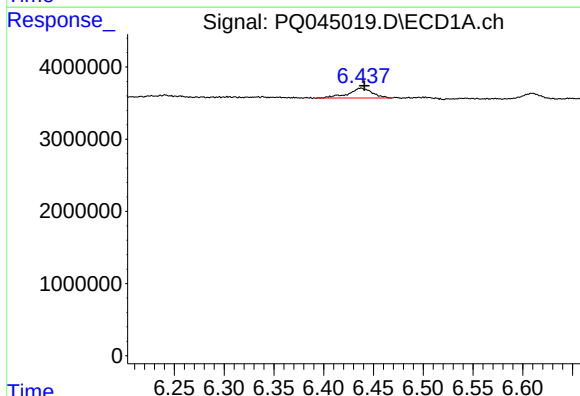
R.T.: 6.438 min
Delta R.T.: 0.021 min
Response: 2304965
Conc: 10.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



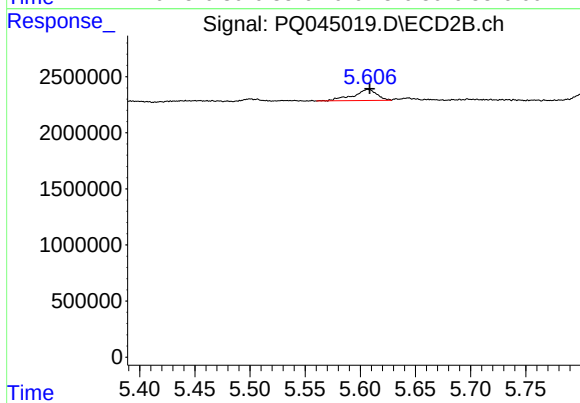
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: 0.019 min
Response: 1472939
Conc: 9.39 ng/ml



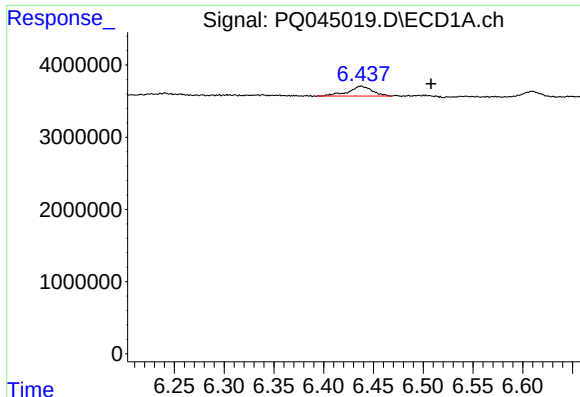
#17 AR-1242-2

R.T.: 6.438 min
Delta R.T.: -0.003 min
Response: 2304965
Conc: 7.17 ng/ml



#17 AR-1242-2

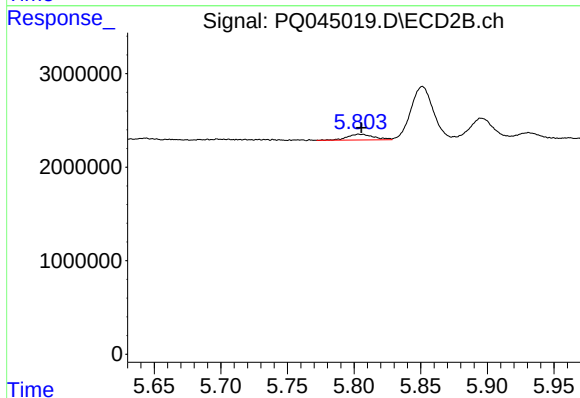
R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 1472939
Conc: 6.58 ng/ml



#18 AR-1242-3

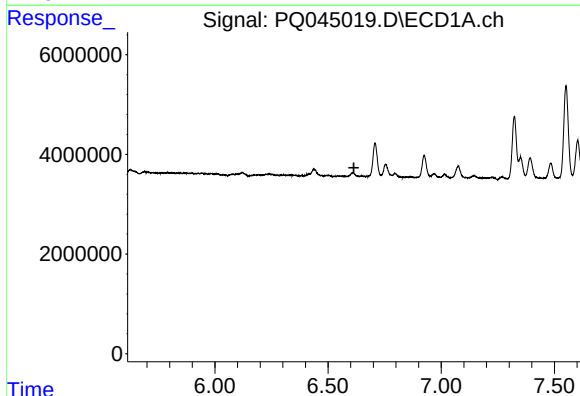
R.T.: 6.438 min
Delta R.T.: -0.070 min
Response: 2304965
Conc: 11.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



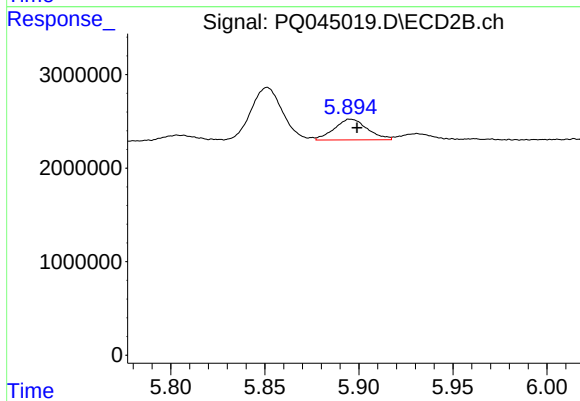
#18 AR-1242-3

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 833167
Conc: 7.50 ng/ml



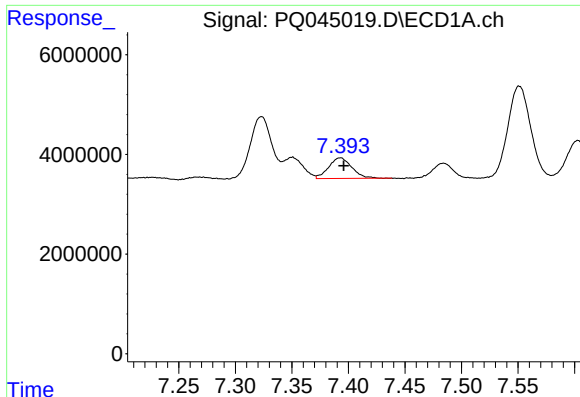
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.614 min
Response: 0
Conc: N.D.



#19 AR-1242-4

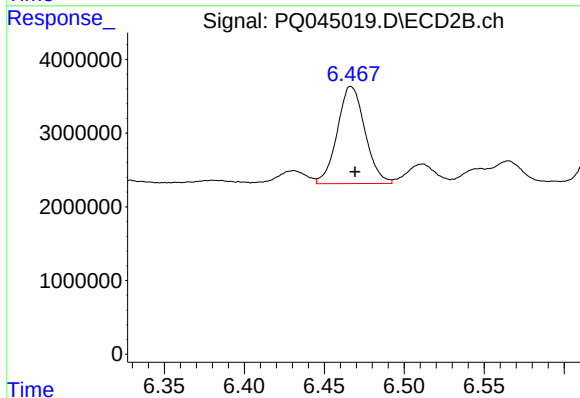
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 2721571
Conc: 22.82 ng/ml



#20 AR-1242-5

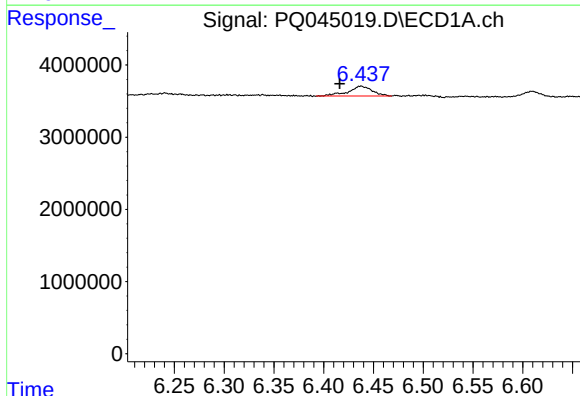
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 5835315
Conc: 32.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



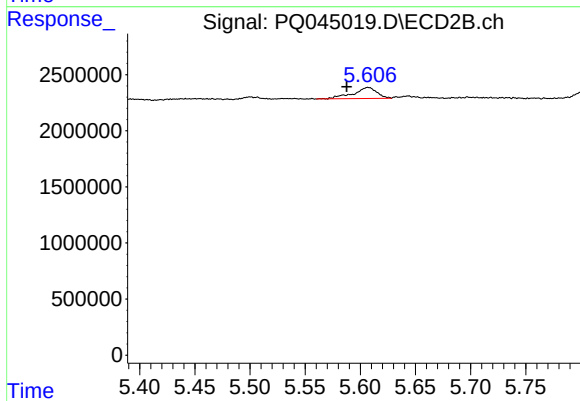
#20 AR-1242-5

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 15848691
Conc: 96.52 ng/ml



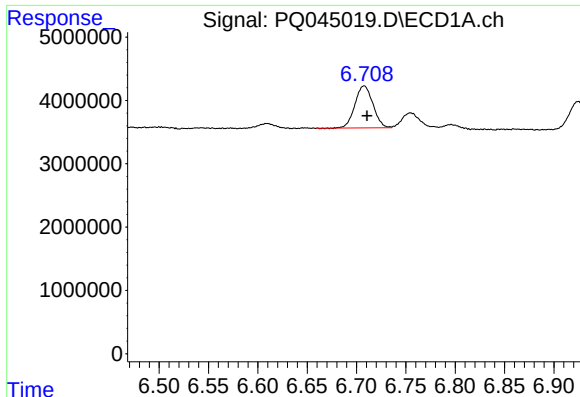
#21 AR-1248-1

R.T.: 6.438 min
Delta R.T.: 0.022 min
Response: 2304965
Conc: 13.69 ng/ml



#21 AR-1248-1

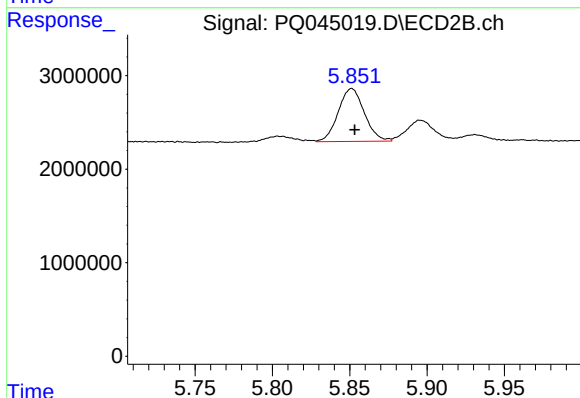
R.T.: 5.607 min
Delta R.T.: 0.019 min
Response: 1472939
Conc: 11.84 ng/ml



#22 AR-1248-2

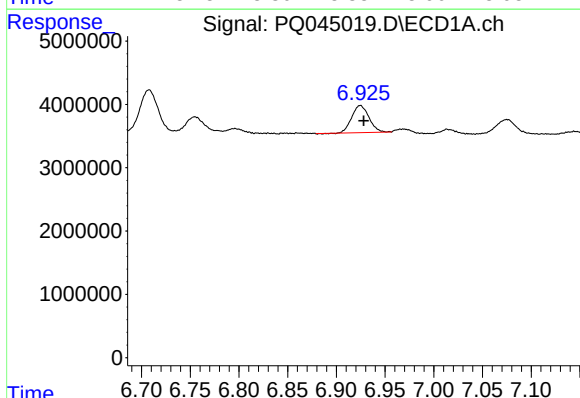
R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 8421968
Conc: 34.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



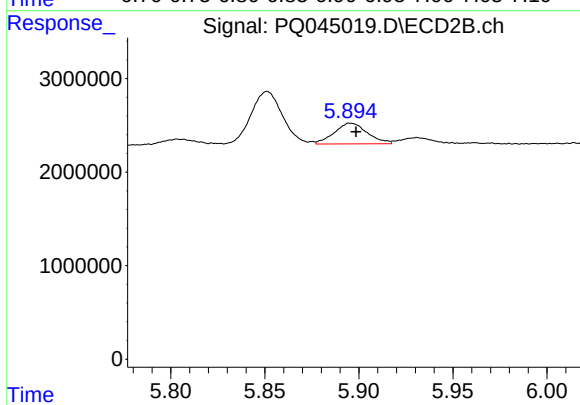
#22 AR-1248-2

R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 6660048
Conc: 39.12 ng/ml



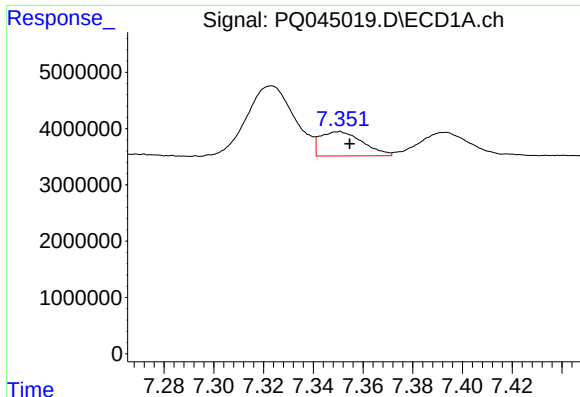
#23 AR-1248-3

R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 5256874
Conc: 19.32 ng/ml



#23 AR-1248-3

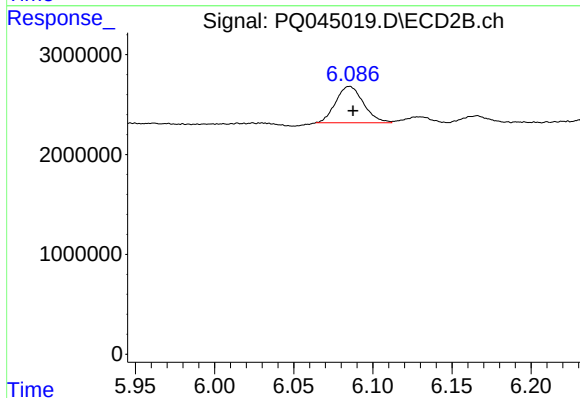
R.T.: 5.895 min
Delta R.T.: -0.003 min
Response: 2721571
Conc: 15.22 ng/ml



#24 AR-1248-4

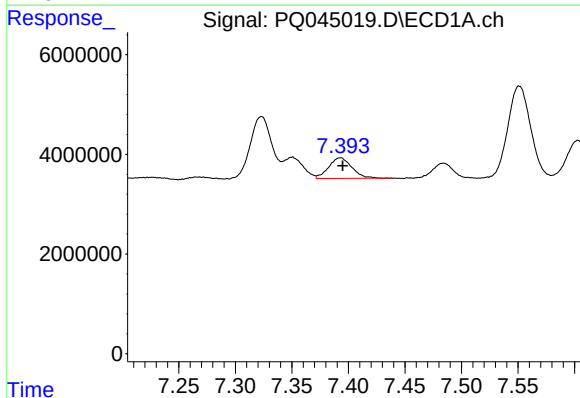
R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 5125494
Conc: 16.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



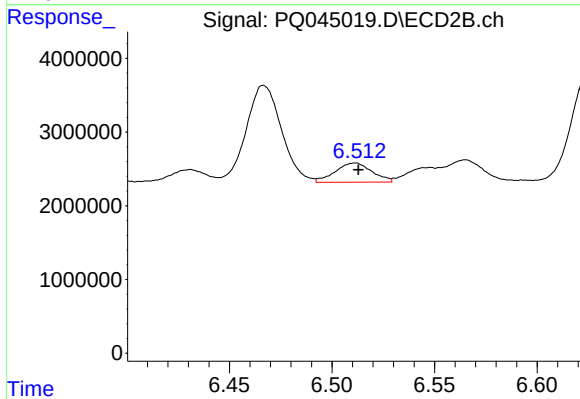
#24 AR-1248-4

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 4420859
Conc: 20.31 ng/ml



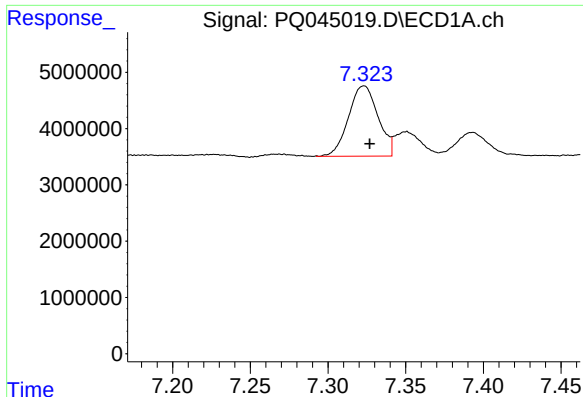
#25 AR-1248-5

R.T.: 7.393 min
Delta R.T.: -0.002 min
Response: 5835315
Conc: 20.40 ng/ml



#25 AR-1248-5

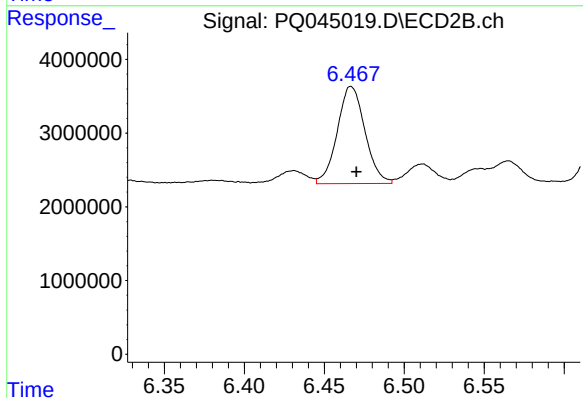
R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 3249966
Conc: 14.57 ng/ml



#26 AR-1254-1

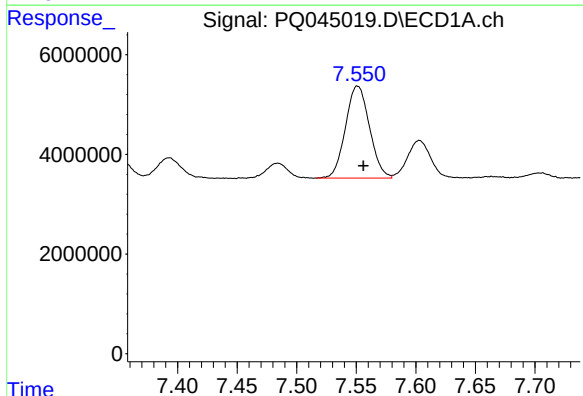
R.T.: 7.323 min
Delta R.T.: -0.004 min
Response: 16540831
Conc: 51.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



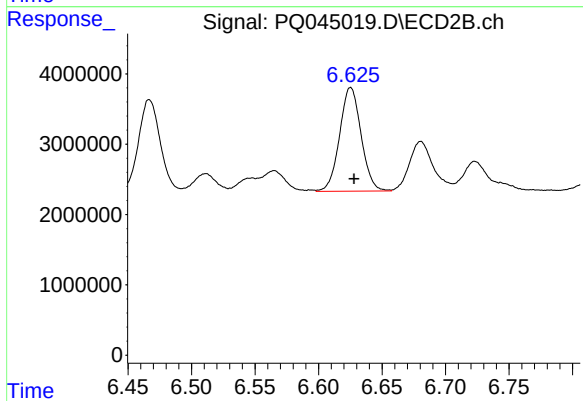
#26 AR-1254-1

R.T.: 6.467 min
Delta R.T.: -0.003 min
Response: 15848691
Conc: 43.57 ng/ml



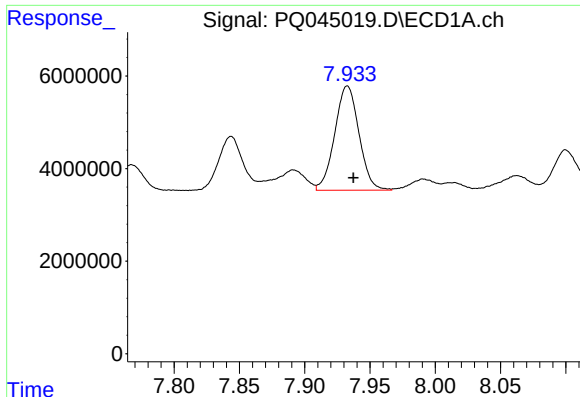
#27 AR-1254-2

R.T.: 7.551 min
Delta R.T.: -0.005 min
Response: 25928282
Conc: 52.22 ng/ml



#27 AR-1254-2

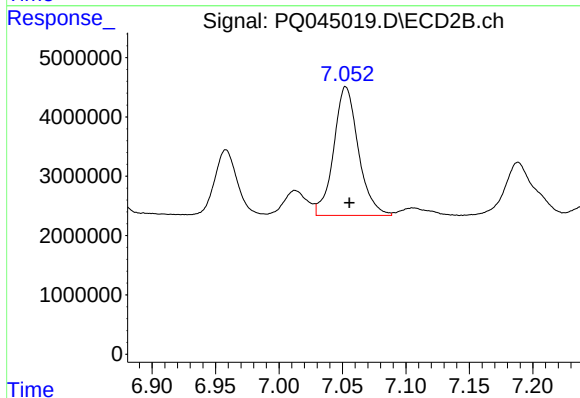
R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 17408199
Conc: 54.05 ng/ml



#28 AR-1254-3

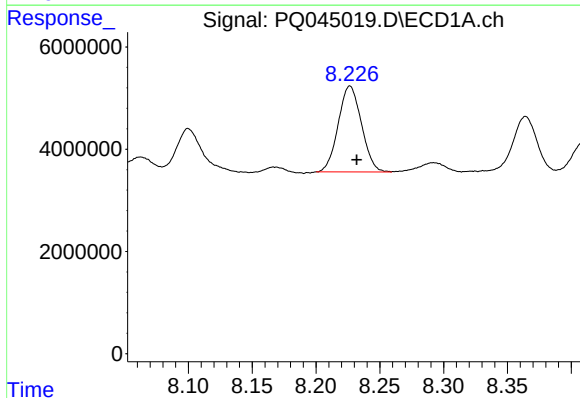
R.T.: 7.933 min
Delta R.T.: -0.005 min
Response: 29099111
Conc: 54.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



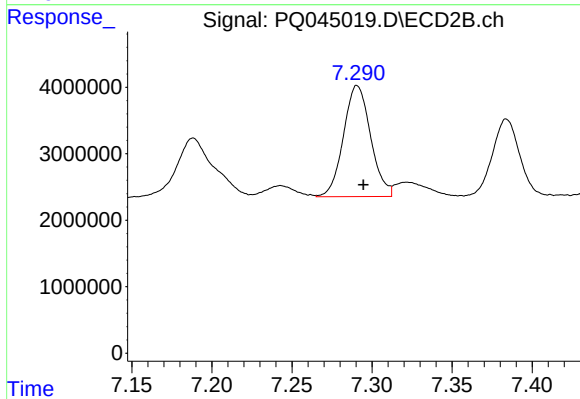
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 29350868
Conc: 52.91 ng/ml



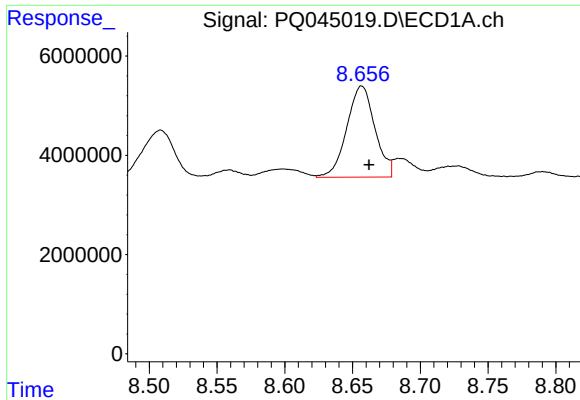
#29 AR-1254-4

R.T.: 8.227 min
Delta R.T.: -0.005 min
Response: 21335482
Conc: 55.23 ng/ml



#29 AR-1254-4

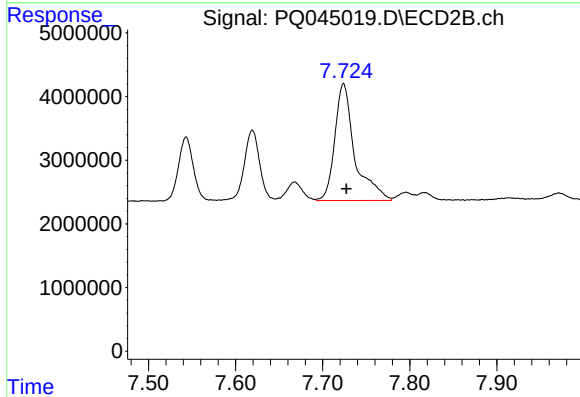
R.T.: 7.291 min
Delta R.T.: -0.004 min
Response: 19704435
Conc: 55.13 ng/ml



#30 AR-1254-5

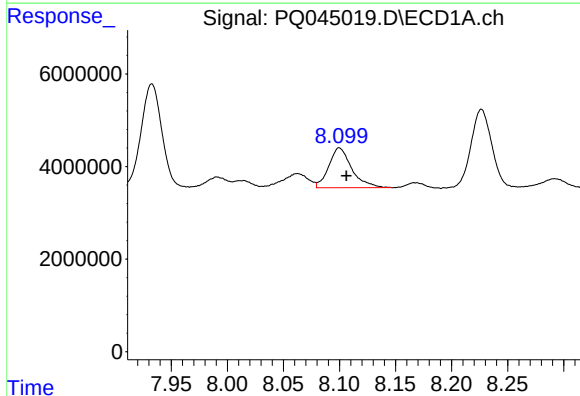
R.T.: 8.657 min
Delta R.T.: -0.005 min
Response: 26551738
Conc: 61.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



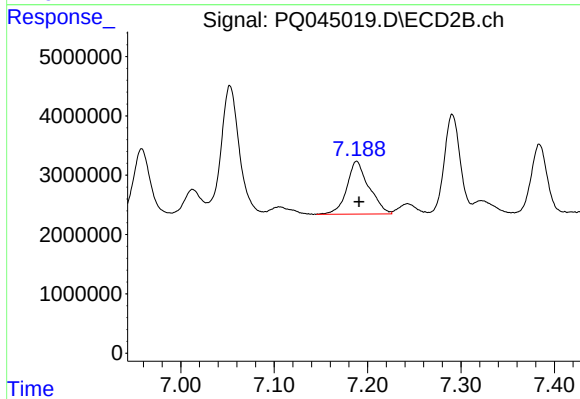
#30 AR-1254-5

R.T.: 7.724 min
Delta R.T.: -0.003 min
Response: 29259799
Conc: 58.52 ng/ml



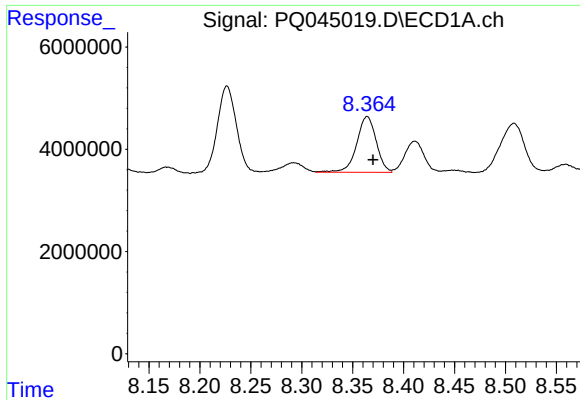
#31 AR-1260-1

R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 12270898
Conc: 39.29 ng/ml



#31 AR-1260-1

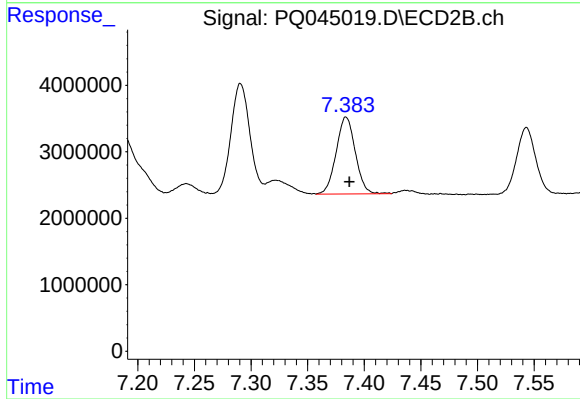
R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 14677680
Conc: 47.91 ng/ml



#32 AR-1260-2

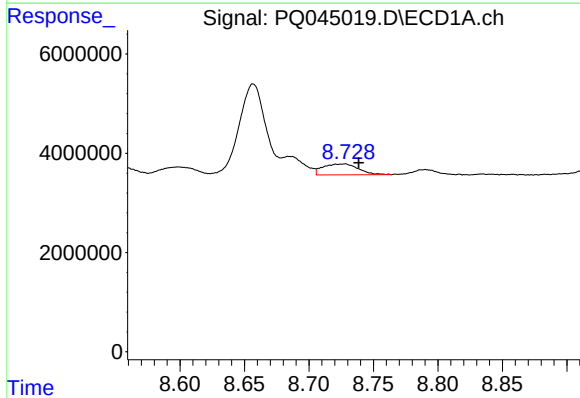
R.T.: 8.364 min
Delta R.T.: -0.006 min
Response: 14589262
Conc: 35.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



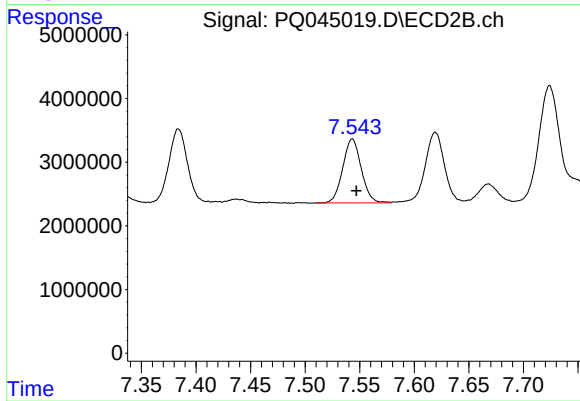
#32 AR-1260-2

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 13599165
Conc: 34.44 ng/ml



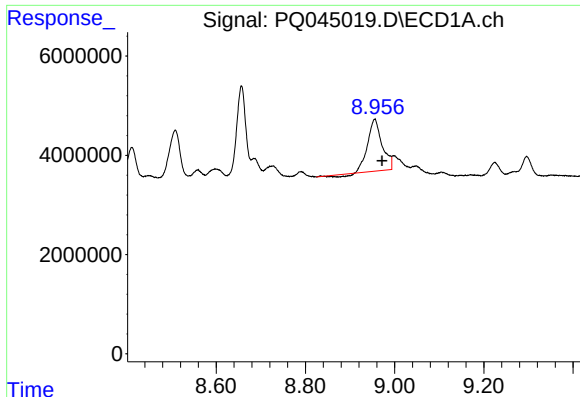
#33 AR-1260-3

R.T.: 8.728 min
Delta R.T.: -0.011 min
Response: 4183779
Conc: 12.81 ng/ml



#33 AR-1260-3

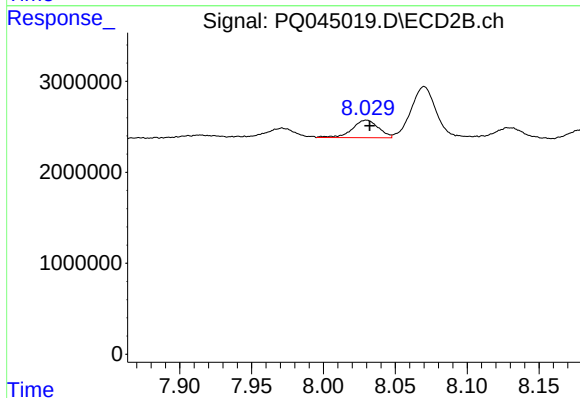
R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 11896672
Conc: 34.73 ng/ml



#34 AR-1260-4

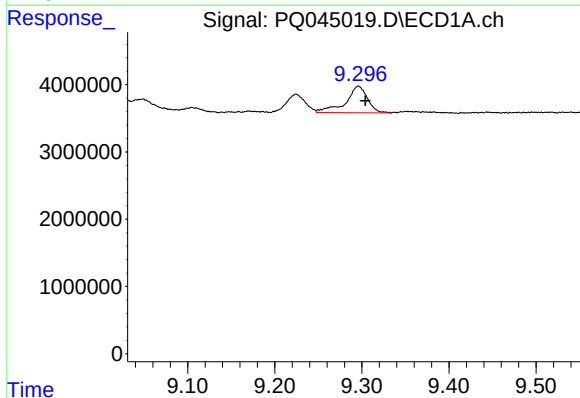
R.T.: 8.956 min
Delta R.T.: -0.016 min
Response: 22860336
Conc: 60.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



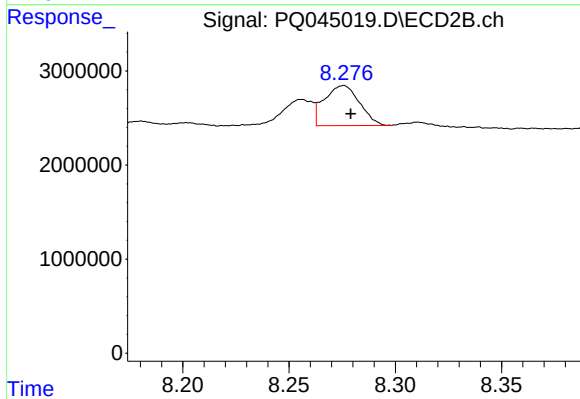
#34 AR-1260-4

R.T.: 8.030 min
Delta R.T.: -0.003 min
Response: 2441270
Conc: 7.96 ng/ml



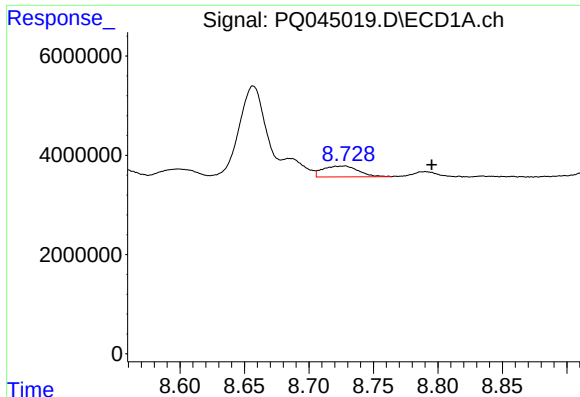
#35 AR-1260-5

R.T.: 9.296 min
Delta R.T.: -0.008 min
Response: 6878916
Conc: 8.94 ng/ml



#35 AR-1260-5

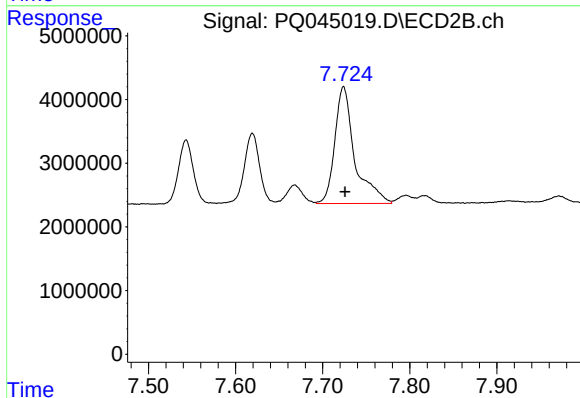
R.T.: 8.276 min
Delta R.T.: -0.003 min
Response: 4927356
Conc: 6.30 ng/ml



#36 AR-1262-1

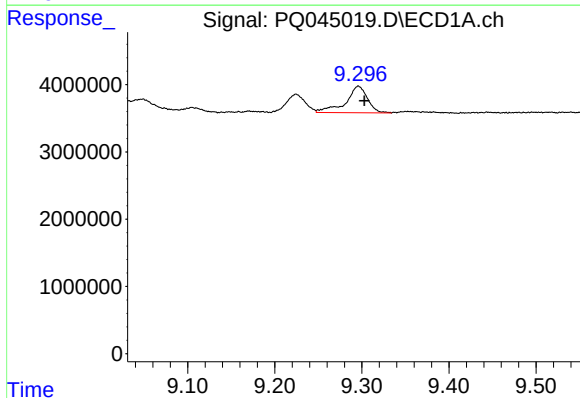
R.T.: 8.728 min
Delta R.T.: -0.068 min
Response: 4183779
Conc: 20.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



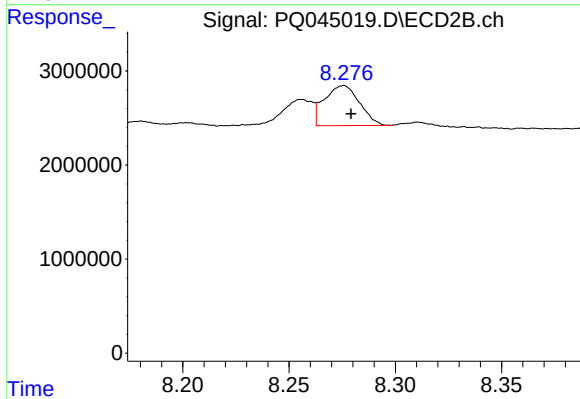
#36 AR-1262-1

R.T.: 7.724 min
Delta R.T.: -0.002 min
Response: 29259799
Conc: 115.61 ng/ml



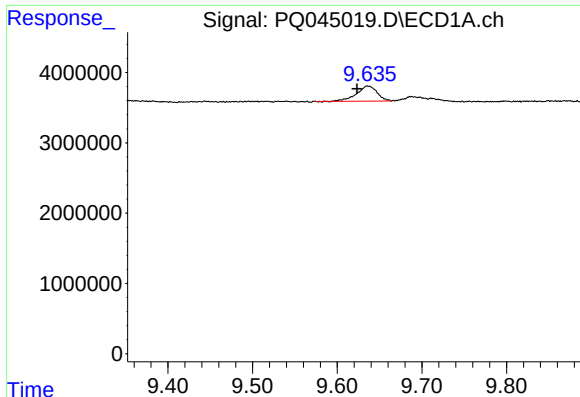
#37 AR-1262-2

R.T.: 9.296 min
Delta R.T.: -0.007 min
Response: 6878916
Conc: 7.62 ng/ml



#37 AR-1262-2

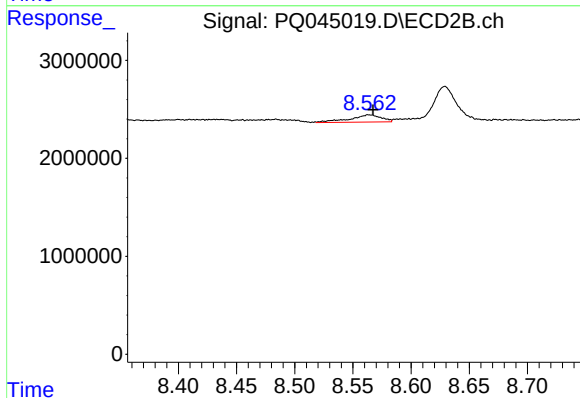
R.T.: 8.276 min
Delta R.T.: -0.004 min
Response: 4927356
Conc: 4.99 ng/ml



#38 AR-1262-3

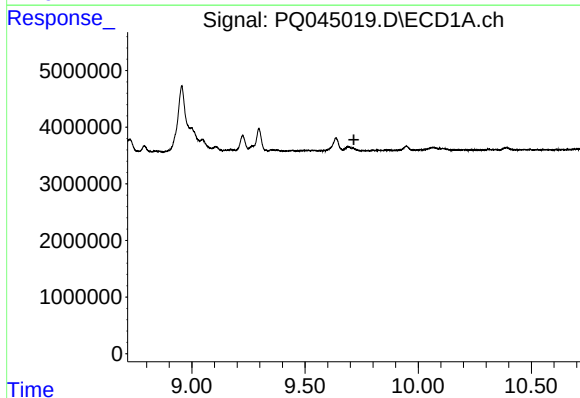
R.T.: 9.636 min
Delta R.T.: 0.012 min
Response: 3636527
Conc: 5.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
C0AT7



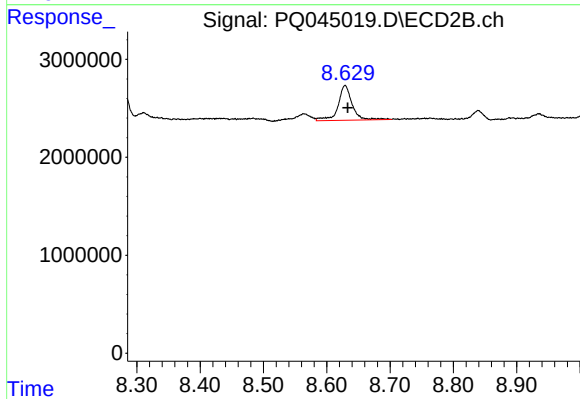
#38 AR-1262-3

R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 1371864
Conc: 3.56 ng/ml



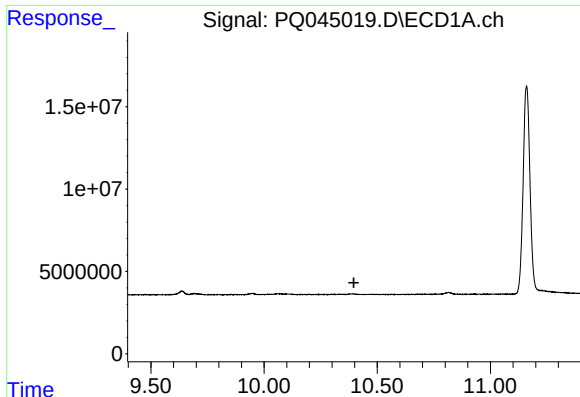
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.716 min
Response: 0
Conc: N.D.



#39 AR-1262-4

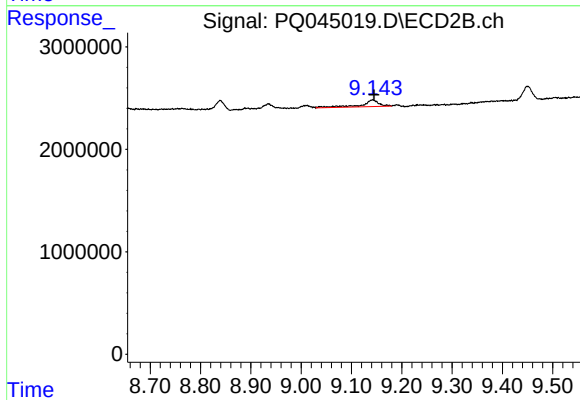
R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 5478894
Conc: 7.44 ng/ml



#40 AR-1262-5

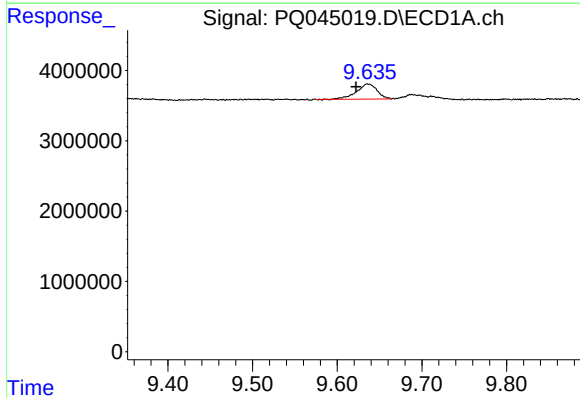
R.T.: 0.000 min
Exp R.T.: 10.397 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AT7



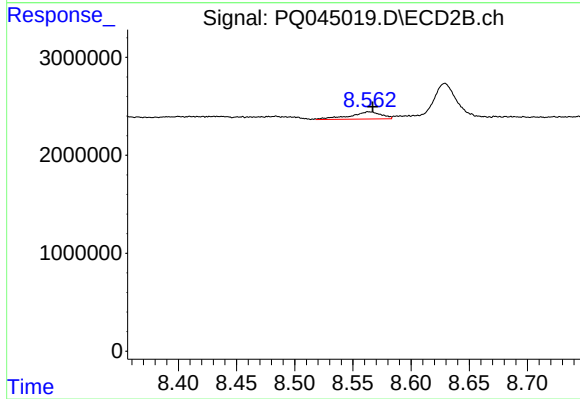
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.003 min
Response: 1526196
Conc: 4.38 ng/ml



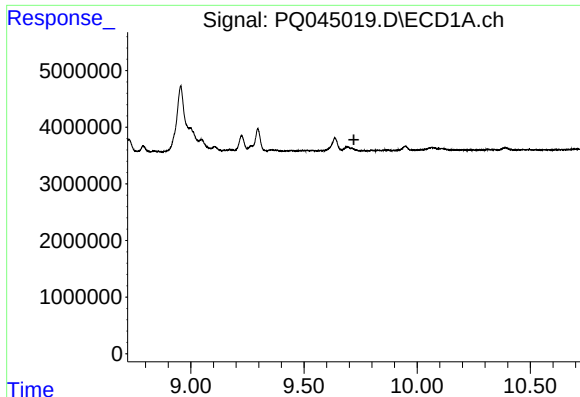
#41 AR-1268-1

R.T.: 9.636 min
Delta R.T.: 0.014 min
Response: 3636527
Conc: 3.26 ng/ml



#41 AR-1268-1

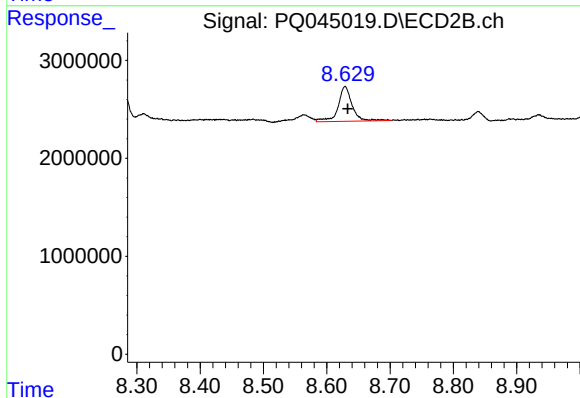
R.T.: 8.564 min
Delta R.T.: -0.003 min
Response: 1371864
Conc: 1.14 ng/ml



#42 AR-1268-2

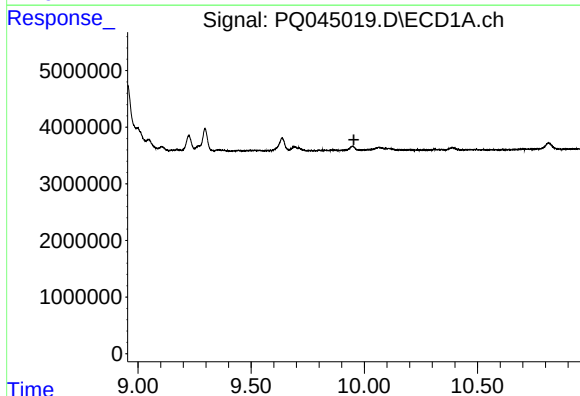
R.T.: 0.000 min
Exp R.T.: 9.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AT7



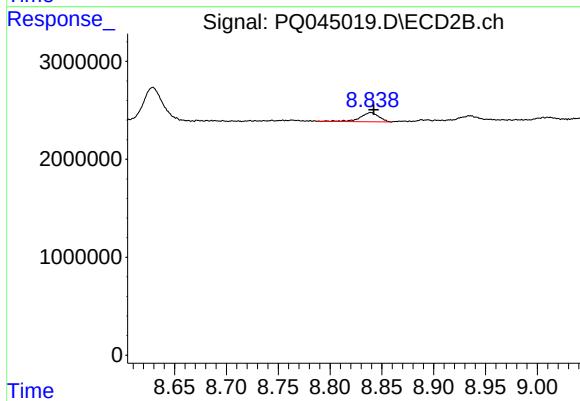
#42 AR-1268-2

R.T.: 8.629 min
Delta R.T.: -0.004 min
Response: 5478894
Conc: 4.92 ng/ml



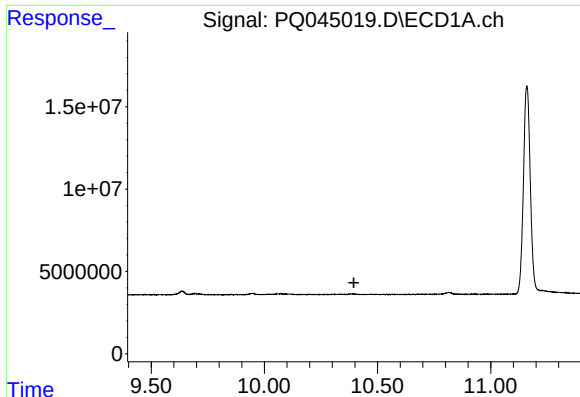
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 9.954 min
Response: 0
Conc: N.D.



#43 AR-1268-3

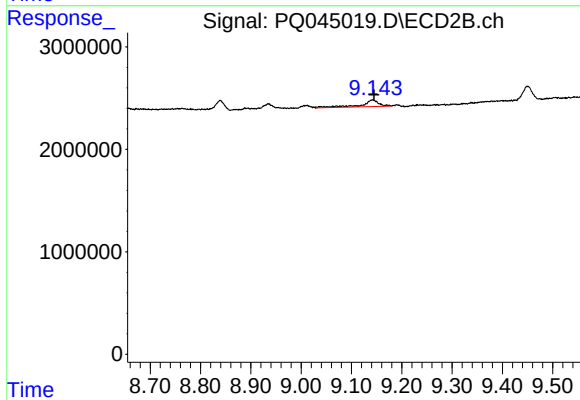
R.T.: 8.839 min
Delta R.T.: -0.003 min
Response: 1189393
Conc: 1.28 ng/ml



#44 AR-1268-4

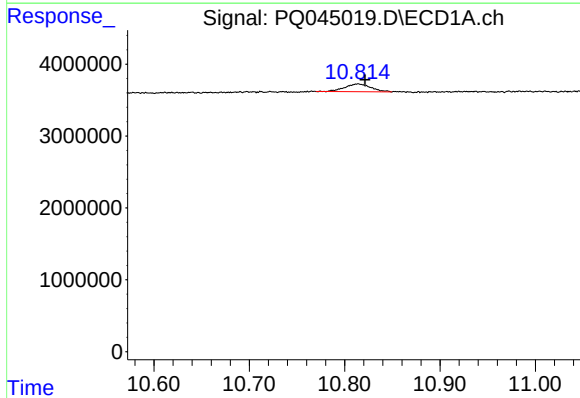
R.T.: 0.000 min
Exp R.T.: 10.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
C0AT7



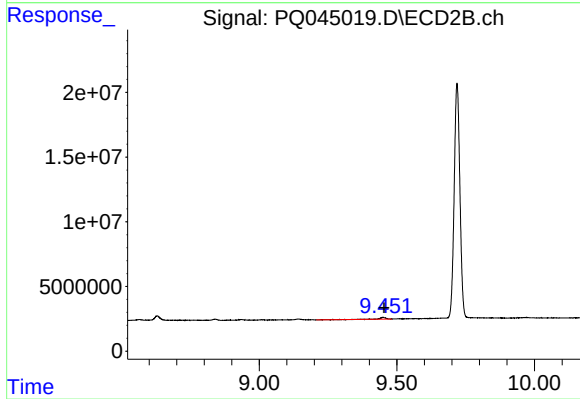
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.003 min
Response: 1526196
Conc: 3.79 ng/ml



#45 AR-1268-5

R.T.: 10.814 min
Delta R.T.: -0.007 min
Response: 2075025
Conc: 0.80 ng/ml



#45 AR-1268-5

R.T.: 9.450 min
Delta R.T.: -0.003 min
Response: 2285866
Conc: 0.76 ng/ml